

REMARKS

Reconsideration and allowance of the subject application in view of the foregoing amendments and the following remarks is respectfully requested.

Clams 1-12 remain pending in the application. New claims 13-18 have been added by this amendment.

The application does not contain an abstract of the disclosure as required by 37 CFR1.72 (b). In response, an abstract is being provided.

Claims 1-12 are rejected under 35 U.S.C. 102 (e) as being anticipated by Krasner (U.S. 2002/0084933). In response, independent claims 1 and 7 have been amended and are believed to be patentable over Krasner for the reasons discussed below.

Claims 1 and 7 have been amended to recite "resulting in a presumed output signal that cancels out a presumed ghost signal." This advantageously provides a dual path for correlation. As disclosed in the specification, on page 20, lines 7-12, the present invention solves this problem by having a dual path for correlation. In one path a conventional correlator is used to look for energy from correlation of the desired signal. If it finds that signal, it is presumed to be a ghost signal. The first path then inverts this detected signal and provides it to a second correlator path where it cancels out the potential ghost signal and leaves only the potential of the desired signal. If any appreciable signal is obtained at the second correlator path, that signal can be presumed to be the desired signal.

By contrast, Krasner correlates using correlation indicator generators 531, 532. A correlator is so constructed that the closer two input PN sequence are aligned, the longer an output the correlator generates. Thus, the output of a correlater is an indicator of how close the two input sequences are aligned (see entire paragraph 0056). Krasner is not at all concerned with ghost signals. For a reference to anticipate, it must anticipate each and every claim limitation. Krasner does not anticipate amended claims 1 or 7. Further, claims 2-6, 8-12 and new claims 13-18 or directed to assistance signals which are not discussed in Krasner. Accordingly, this anticipation rejection should be withdrawn.

All objections and rejections having been addressed it is respectfully submitted that the present application is in condition for allowance and a Notice to that effect is honestly solicited.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

LOWE HAUPTMAN GILMAN & BERNER, LLP



Kenneth M. Berner
Registration No. 37,093

Customer Number: 33308
1700 Diagonal Road, Suite 300
Alexandria, Virginia 22314
(703) 684-1111
(703) 518-5499 Facsimile
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KMB/iyf